SMB Connector (Low Cost Version)

PSC Series



Connector Type SMB Frequency Range DC ~ 4GHz

Conforming Standard MIL-C-39012

Characteristic Impedance

50 Ω

Applicable Cable 1.5D-2W, UT-085 RG-316

Lock Type

Push-on

Mounting Type DIP or SMT



OUTLINE

PSC series is intermateable with SMB connectors which conform to MIL-C-39012 and modified smaller and lighter. The shell and contact are press-fabricated and the insulator is formed by mold to meet low cost requirement.

APPLICATIONS

Base station, Telecom, Measurement equipment

FEATURE

- 1. VSWR is less than 1.2 at frequency range DC \sim 4GHz.
- 2. Mating height is 9mm(max.) from PCB surface.
- 3. Applicable cable is a flexible cable and a semi-flexible cable.

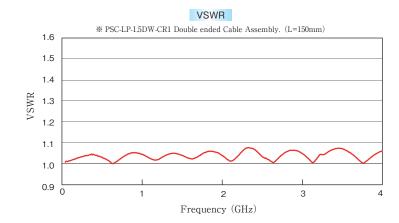
SPECIFICATIONS

Characteristic Impedance	50 Ω
Dielectric Withstanding Voltage	1000V AC(r.m.s) / 1minute
Insulation Resistance	1000M Ω (min.) at 500V DC
Contact Resistance	6m Ω (max.)
Frequency Range	$DC \sim 4GHz$
VSWR	1.2(max.)
Mating Height	9.0mm(max.) (PSC series)

 $\ast\,$ The specifications are typical but may not apply to all connectors. Please check the specifications on each item with its drawing from us when you use.

RoHS MATERIAL/FINISH Compliant

Contact	Copper Alloy / Au Plating
Insulator	Fluorine Resin
Outer Conductor	Copper Alloy / Ni Plating, Au Plating



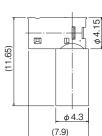
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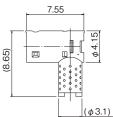
Plug Connector

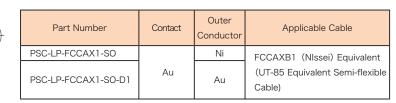


-	Part Number	Contact	Outer Conductor	Applicable Cable
	PSC-LP-1.5DW-CR1	Au	Ni	1.5D-2W Equivalent 1.5D-HQ • SUPER(Fujikura)
	PSC-LP-1.5DW-CR1-D1		Au	Equivalent
	PSC-LP-316U-CR1	Au	Ni	RG-316/U Equivalent
	PSC-LP-316U-CR1-D1		Au	

 $\ensuremath{\bigcirc}$ Please favor us your cable assembly order to assure the performance.

* Appearance is exactly same.



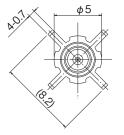


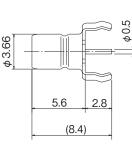
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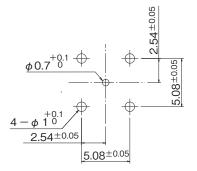
Straight Receptacle Connector

DIP Type

Part Number	Contact	Outer Conductor
PSC-SR-PC	Au	Ni

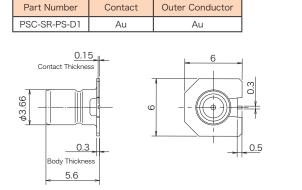


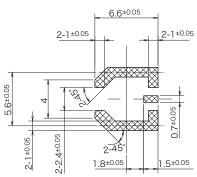




PCB Mounting Dimensions

SMT Type





PCB Land Reference Dimensions

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